



UV-C disinfection upper air wall mounted

WL345W 1xTUV T5 25W HFS

WL345W | PHILIPS UV-C DISINFECTION UPPER AIR, 1, HF-S | HF
Selectalume, White and black, 29.6 W, 230 V

As part of the Philips UV-C disinfection upper air device series, Philips UV-C disinfection upper air wall mounted is designed to be installed on walls for the disinfection of air in a wide range of applications. Optimized for low ceiling heights, the UV-C rays are distributed at device level and above. The beam of UV-C rays is controlled by specific reflectors and the louvre design. This allows for the disinfection of the air in a space, while ensuring that day-to-day business activities can continue underneath the area where the device is active.

Warnings and Safety

- DANGER: Risk Group 3 UV product. Like any disinfection system, UV-C lamps and devices must be installed and used in the correct way. Direct exposure to UV-C can be dangerous and result in a sunburn-like reaction to the skin and serious damage to the cornea. As UV-C is invisible to the eye, the UV-C upper air device must be installed together with adequate safeguards to ensure that the UV-C upper air device can be operated in a safe way. The UV-C upper air device are only to be used as components in a system that consists of adequate safety safeguards such as, but not limited to, those indicated in the mounting instructions and/or user manuals. Direct exposure to UV-C is dangerous. Philips UV-C luminaires systems must only be sold through qualified partners and installed by professionals according to our stringent safety and legal requirements. Our UV-C products are not meant to be used in applications or activities which may cause and/or lead to death, personal injury and/or damage to the environment.
- [1] According to results obtained from a laboratory test conducted by Innovative Bioanalysis, a CAP, CLIA, AABB Certified Safety Reference Laboratory, in a room with sufficient air circulation. For more information, please refer to the test report available in the "related tools" part of this webpage

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Product data

| General Information | |
|-----------------------|---|
| Number of gear units | 1 unit |
| Gear | HF-S [HF Selectalume] |
| Service tag | Yes |
| Serviceability class | Class C, luminaire without serviceable parts, not serviceable |
| Warranty period | 1 years |
| Sustainability rating | Unclassified |

| Light Technical | |
|-----------------------------|-----------------|
| Number of light sources | 1 |
| Beam angle of light source | - degree(s) |
| Optic type | Lamellae louver |
| Luminaire light beam spread | - |

| Operating and Electrical | |
|--|--------------------------|
| Input Voltage | 230 V |
| Line Frequency | 50 Hz |
| Inrush current | 18 A |
| Inrush time | 0.35 ms |
| Power Consumption | 29.6 W |
| Power Factor (Fraction) | 0.98 |
| Connection | Push-in connector 3-pole |
| Cable | - |
| Number of products on MCB of 16 A type B | 28 |
| Suitable for random switching | No |
| Protection class IEC | Safety class I |

| Controls and Dimming | |
|----------------------|----------------|
| Dimmable | No |
| Control interface | - |
| Maximum dim level | Not applicable |

| Mechanical and Housing | |
|------------------------|-----------------------|
| Housing Material | Aluminum |
| Reflector material | Aluminum |
| Optic material | Aluminum |
| Housing Color | White and black |
| Mounting device | Wall-mounting bracket |
| Overall length | 553 mm |

| | |
|-------------------------------------|-------------------------|
| Overall width | 185 mm |
| Overall height | 140 mm |
| Dimensions (Height x Width x Depth) | 140 x 185 x 553 mm |
| Ingress protection code | IP20 [Finger-protected] |
| Mech. impact protection code | IK02 [0.2 J standard] |
| Net Weight (Piece) | 6.290 kg |

| Approval and Application | |
|------------------------------------|--|
| Glow-wire test | Temperature 650 °C, duration 30 s |
| Flammability mark | - |
| CE mark | Yes |
| ENEC mark | - |
| Photobiological risk | Photobiological risk group 3 @200mm to EN62778 |
| EU RoHS compliant | Yes |
| Performance ambient temperature Tq | 25 °C |
| Ambient temperature range | +10 to +40 °C |

| UV | |
|---------------------------------|-------------------------|
| UV-C radiation | 0.375 W |
| UV-C irradiance defined at 2m | 356 mW/m ² |
| UV-C irradiance defined at 0.2m | 4,266 mW/m ² |

| Initial Performance (IEC Compliant) | |
|-------------------------------------|--------|
| Power consumption tolerance | +/-10% |

| Product Data | |
|---------------------------------|--|
| Order product name | WL345W 1xTUV T5 25W HFS |
| Full product name | WL345W 1xTUV T5 25W HFS |
| Full product code | 871869690445900 |
| Order code | 919206000011 |
| Material Nr. (12NC) | 919206000011 |
| Numerator - Quantity Per Pack | 1 |
| EAN/UPC - Product/Case | 8718696904459 |
| Numerator - Packs per outer box | 1 |
| EAN/UPC - Case | 8718696904459 |
| Product family code | WL345W [PHILIPS UV-C DISINFECTION UPPER AIR] |

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Dimensional drawing

